

Specifications Packages for Local Projects



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Local Agency Specifications The Past vs. The Present

- Historically, “Per FDOT Specifications” has had some validity for Local Agency Projects
- Today, City and County Projects have much different needs than FDOT Projects
- Major Differences in Technology (Superpave vs. Marshall) and Acceptance (Contractor Quality Control; Prescriptive vs. End Result and Value Added Specs) now mean “the Way We Do Business” is much different



Local Agency Specifications How Many Customers?

- Urban
- Large Projects
- High Traffic Levels
- Internal Design Staff
- Inspection
- Federal Funds
- Rural
- Small Projects
- Low Traffic Levels
- Outside Design Consultants
- Certification
- Local Funds



Local Agency Specifications Customer Survey

So We Surveyed Our Local Agency Partners ...

“Which of the Following Statements Best Describes the Feeling You Get When Trying to Use FDOT Specifications on Your Local Agency Projects?”

- a) A Royal Pain in a Very Sensitive Area!
- b) An Itch I Just Cannot Scratch!
- c) A Pleasant and Enlightening Sensation!

...and the Survey SAID???

We Have a Bit of Work to Do!!!



Local Agency Specifications Customer Survey

We Recorded Their Comments and Questions ...



Do I REALLY
Want to Do
This??



Local Agency Specifications Customer Survey

We Recorded Their Comments and Questions ...



It Can Be a
REAL
Eye Opening
Experience!!



Local Agency Specifications Customer Survey

We Recorded Their Comments and Questions ...



I Get a
HEADACHE!!



Local Agency Specifications Customer Survey

We Recorded Their Comments and Questions ...



I Makes Me
Feel All
Out of Sorts!!



Local Agency Specifications Customer Survey

We Recorded Their Comments and Questions ...



I Get
Confused!!



Local Agency Specifications Customer Survey

We Recorded Their Comments and Questions ...



It Makes
Me
GRUMPY!!



Local Agency Specifications Customer Survey

We Recorded Their Comments and Questions ...



WHY?? ...
Just WHY??



Local Agency Specifications Customer Survey

We Recorded Their Comments and Questions ...



It Makes
Me Want to
SCREAM!!



Local Agency Specifications Customer Survey

We DID Record One FDOT Comment ...



Do You Think
It is Any Easier
on This Side of
the Fence??



Specifications Packages for Local Projects

For YOUR Local Agency Project, You Might Want To ...

- Use your OWN Local Agency Specs and Contract Language!
- Use some OLD FDOT Specifications!
- Use some NEW FDOT Specifications!
- Use the BIG FOUR Specifications for Flexibility!
- Make Changes to OLD or NEW or BIG FOUR Specifications!
- Use FDOT Developmental Specs!
- Include All Mandatory Federal Provisions if Federally Funded!
- Keep FDOT Happy if State Funded or on the State System!
- Do Any or All of the Above With



Using Local Agency Specs and Contract Language

- First and Foremost, we ALL need to remember that these are Local Agency Contracts
- Still true when FDOT and Federal funds are involved
- Local Agencies have their own policies, procedures, standards, processes, ordinances, etc.
- “What’s Sauce for the Goose is Sauce for the Gander”



Using OLD FDOT Stuff

- Local Agency Archives
- A Library for Local Agency Specs from a Link on the FDOT State Specs Office Web Site
- Available for Agencies, Designers & Contractors
- May NOT be Used on FDOT Projects
- No Longer FDOT Specs for Coordination & Updating



Using NEW FDOT Stuff

- Current Standard Specifications for Road & Bridge Construction
- Supplemental Specifications (The Latest & Greatest) from the FDOT Workbook of Implemented Modifications
- *COMING SOON! The 2013 E-Book of Standard Specifications, to be Updated Annually*



Using the BIG FOUR F-I-e-x-i-b-l-e Specifications

- Asphalt; Concrete; Earthwork; Landscaping
- To Provide Specs in Key Technical Areas Pre-Approved for LAP Projects
- To Provide Specs that Can Be Easily Modified by Local Agencies to Meet Their Varying Technical Needs
- To Provide Specs with Simplified Testing and Acceptance Criteria, Recognizing Differences in Project Complexity and Contract Administration Approach Between FDOT and Local Agencies



... and the Rest of the Stuff in the Weeds

- Make Changes to OLD or NEW or BIG FOUR Specifications
- Use FDOT Developmental Specs
- Include All Mandatory Federal Provisions if Federally Funded
- Keep FDOT Happy if State Funded or on the State System



What is an Engineer To Do????



Specifications Packages for Local Projects

- Local Agency Program Community of Practice (LAP CoP)
- Partnering with Local Agencies through FACERS, other Partners
- Focused Approach by Subgroups
- Be More CPR through Process Analysis & Improvement, Business Rules and Training for Design, Contracting & Construction Phases



Specifications Packages for Local Projects

- LAP CoP Specifications Subgroup Recommendation
- An Easier Way to Get What You Want from the "Might Want" List
- Utilizes FDOT's Specs on the Web Application as a File Server
- Simple to Use
- Get What You Want in One Document on Your Computer



Specifications Packages for Local Projects

Specifications for Local Projects OLD FDOT Stuff

Local Agency "Archive"			
<input type="checkbox"/> LADA120	Browse (Submittal File 620)	EXCAVATION AND EMBANKMENT (Rev. 1/1/2000) (FA.) (01/00)	Do not use on FDOT project.
<input type="checkbox"/> LADA125	Browse (Submittal File 620)	EXCAVATION FOR STRUCTURES (Rev. 1/1/2000) (FA.) (01/00)	Do not use on FDOT projects.
<input type="checkbox"/> LADA180	Browse (Submittal File 620)	STABILIZED SUBBASE (Rev. 1/1/2000) (FA.) (01/00)	Do not use on FDOT projects.
<input type="checkbox"/> LADA200	Browse (Submittal File 620)	LIMEROCK BASE (Rev. 1/1/2000) (FA.) (01/00)	Do not use on FDOT Projects.
<input type="checkbox"/> LADA204	Browse (Submittal File 620)	GRADED AGGREGATE BASE (Rev. 1/1/2000) (FA.) (01/00)	Do not use on FDOT projects.

Specifications for Local Projects OLD FDOT Stuff

<input type="checkbox"/> LAOAS086	 <small>Unlocked File</small> Browse	ASPHALT BASE COURSES (Rev. 1/12/2000) (FA.) (01/88)	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS316	 <small>Unlocked File</small> Browse	BITUMINOUS SURFACE TREATMENT (INCLUDING MINERAL SEAL COAT)	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS311	 <small>Unlocked File</small> Browse	SAND SEAL COAT	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS312	 <small>Unlocked File</small> Browse	BITUMINOUS CRACK RELIEF LAYER	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS331	 <small>Unlocked File</small> Browse	TYPE S ASPHALT CONCRETE, QUALITY ASSURANCE AND ACCEPTANCE PROCEDURES (Rev. 1/12/2000) (FA.) (01/88)	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS332	 <small>Unlocked File</small> Browse	TYPE II ASPHALT CONCRETE (Rev. 1/12/2000) (FA.) (01/88)	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS333	 <small>Unlocked File</small> Browse	TYPE III ASPHALT CONCRETE (Rev. 1/12/2000) (FA.) (01/88)	Do not use on FDOT projects.



Specifications for Local Projects OLD FDOT Stuff

<input type="checkbox"/> LAOAS086	 <small>Unlocked File</small> Browse	ASPHALT BASE COURSES (Rev. 1/12/2000) (FA.) (01/88)	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS316	 <small>Unlocked File</small> Browse	BITUMINOUS SURFACE TREATMENT (INCLUDING MINERAL SEAL COAT)	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS311	 <small>Unlocked File</small> Browse	SAND SEAL COAT (Rev. 1/12/2000) (FA.) (01/88)	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS312	 <small>Unlocked File</small> Browse	BITUMINOUS CRACK RELIEF LAYER (Rev. 1/12/2000) (FA.) (01/88)	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS331	 <small>Unlocked File</small> Browse	TYPE S ASPHALT CONCRETE, QUALITY ASSURANCE AND ACCEPTANCE PROCEDURES (Rev. 1/12/2000) (FA.) (01/88)	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS332	 <small>Unlocked File</small> Browse	TYPE II ASPHALT CONCRETE (Rev. 1/12/2000) (FA.) (01/88)	Do not use on FDOT projects.
<input type="checkbox"/> LAOAS333	 <small>Unlocked File</small> Browse	TYPE III ASPHALT CONCRETE (Rev. 1/12/2000) (FA.) (01/88)	Do not use on FDOT projects.



Specifications for Local Projects

OLD FDOT Stuff

TYPE 5 ASPHALT CONCRETE, QUALITY ASSURANCE AND ACCEPTANCE PROCEDURES (FDOT Archived Specification)

SECTION 331 TYPE 5 ASPHALT CONCRETE, QUALITY ASSURANCE AND ACCEPTANCE PROCEDURES

331-1 Description.

331-1.1 General: Construct a Type 5 Asphalt Concrete course (using the Quality Assurance acceptance system) using the type of mixture specified in the Contract, or when offered as alternates, as selected. If offered as alternates, meet the layer thickness criteria specified in 331-1.2. Type 5 mixes are identified as Type S-I, Type S-II, or Type S-III. The composition and physical test properties for all mixes including Type 5 Asphalt Concrete are shown in Tables 331-1 and 331-2. This Section establishes Acceptance Procedures for materials and work performed under Sections 280, 290, 311, 332, 333, 334, and 337.

Where Type 5 Asphalt Concrete is specified in the Contract, if approved by the Engineer, the equivalent fine Type SP Asphalt Concrete mixture (Traffic Level C) meeting the requirements of Section 334 may be selected as an alternate at no additional cost to the Department. The equivalent mixes are as follows:

Type S-I Type SP-12.3
Type S-II Type SP-19.0
Type S-III Type SP-9.5

Meet the requirements for plant and equipment specified in Section 328. Meet the general construction requirements specified in Section 338.

Table 331-1 Bituminous Concrete Mixtures (Gradation Design Range)								
Type	Total Aggregate Passing Sieves ^a							
	3/4 inch [19.0 mm]	1/2 inch [12.5 mm]	3/8 inch [9.5 mm]	No. 4 [4.75 mm]	No. 10 [2.0 mm]	No. 40 [425 µm]	No. 80 [180 µm]	No. 200 [75 µm]
S-I ^b	100	88-98	75-83	47-75	33-55	19-31	7-21	2-8



Specifications for Local Projects

OLD FDOT Stuff

<input type="checkbox"/> LAQAD300	Downs (Contract File 400)	ASPHALT BASE COURSES (Rev. 1/1/2000) (FA) (3/1/00)	Do not use on FDOT projects.
<input type="checkbox"/> LAQAD310	Downs (Contract File 400)	BITUMINOUS SURFACE TREATMENT (INCLUDING MINERAL SEAL COAT) (Rev. 1/1/2000) (FA) (3/1/00)	Do not use on FDOT projects.
<input type="checkbox"/> LAQAD311	Downs (Contract File 400)	SAND SEAL COAT (Rev. 1/1/2000) (FA) (3/1/00)	Do not use on FDOT projects.
<input type="checkbox"/> LAQAD312	Downs (Contract File 400)	BITUMINOUS CRACK RELIEF LAYER (Rev. 1/1/2000) (FA) (3/1/00)	Do not use on FDOT projects.
<input checked="" type="checkbox"/> LAQAD331	Downs (Contract File 400)	TYPE 5 ASPHALT CONCRETE, QUALITY ASSURANCE AND ACCEPTANCE PROCEDURES (Rev. 1/1/2000) (FA) (3/1/00)	Do not use on FDOT projects.
<input type="checkbox"/> LAQAD332	Downs (Contract File 400)	TYPE 6 ASPHALT CONCRETE (Rev. 1/1/2000) (FA) (3/1/00)	Do not use on FDOT projects.
<input type="checkbox"/> LAQAD333	Downs (Contract File 400)	TYPE 8 ASPHALT CONCRETE (Rev. 1/1/2000) (FA) (3/1/00)	Do not use on FDOT projects.



Specifications for Local Projects NEW FDOT Stuff

2010 Book Files			
<input type="checkbox"/> SB2010100	Browse (Unknown File Size)	CONSTRUCTION EQUIPMENT - GENERAL REQUIREMENTS (Rev. 1/1/2010) (FA) (01/10)	2010 Standard Specifications for Road and Bridge Construction
<input checked="" type="checkbox"/> SB2010101	Browse (Unknown File Size)	MOBILIZATION (Rev. 1/1/2010) (FA) (01/10)	2010 Standard Specifications for Road and Bridge Construction
<input checked="" type="checkbox"/> SB2010102	Browse (Unknown File Size)	MAINTENANCE OF TRAFFIC (Rev. 1/1/2010) (FA) (01/10)	2010 Standard Specifications for Road and Bridge Construction
<input type="checkbox"/> SB2010103	Browse (Unknown File Size)	TEMPORARY WORK STRUCTURES (Rev. 1/1/2010) (FA) (01/10)	2010 Standard Specifications for Road and Bridge Construction
<input checked="" type="checkbox"/> SB2010104	Browse (Unknown File Size)	PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION (Rev. 1/1/2010) (FA) (01/10)	2010 Standard Specifications for Road and Bridge Construction



Specifications for Local Projects NEW FDOT Stuff

Supplemental Specification			
<input type="checkbox"/> SS1020000	Browse (Unknown File Size)	102 MAINTENANCE OF TRAFFIC (Rev. 10/7/2010) (FA, 10/19/2010) (07/11)	All Jobs. Changes to 102
<input type="checkbox"/> SS1040000	Browse (Unknown File Size)	104 PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION (Rev. 11/18/2010) (FA, 1/21/2011) (07/11)	All Jobs. Changes to 104
<input type="checkbox"/> SS1050001	Browse (Unknown File Size)	105 CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS (Rev. 9/17/2010) (FA, 1/4/2011) (07/11)	All Jobs. Changes to 105-3, 105-5, 105-6, 105-8
<input checked="" type="checkbox"/> SS1100002	Browse (Unknown File Size)	110 CLEARING AND GRUBBING (Rev. 5/29/2009) (FA, 7/15/2009) (01/10)	All Jobs (Change(s) to 110-6.2.1)
<input type="checkbox"/> SS1200102	Browse (Unknown File Size)	120 EXCAVATION AND EMBANKMENT (Rev. 7/12/2010) (FA, 9/16/2010) (01/11)	All Jobs. Change(s) to: 120
<input checked="" type="checkbox"/> SS1210000	Browse (Unknown File Size)	121 FLOWABLE FILL (Rev. 3/12/2010) (FA, 5/24/2010) (01/11)	All Jobs. Changes to 121



Specifications for Local Projects

BIG FOUR F-l-e-x-i-b-l-e Specifications

Local Agency "Big 4"			
<input type="checkbox"/> LAB4120	Browse (Unknown File Size)	EARTHWORK AND RELATED OPERATIONS FOR LAP (OFF-SYSTEM) (Rev. 1/23/2012) (FA: 2/27/2012) (03/12)	Use on Off-System Local Agency Projects.
<input type="checkbox"/> LAB4334	Browse (Unknown File Size)	HOT MIX ASPHALT FOR LAP (OFF-SYSTEM) (Rev. 11/17/2011) (FA: 2/27/2012) (03/12)	Use on Off-System Local Agency Projects.
<input type="checkbox"/> LAB4344	Browse (Unknown File Size)	CONCRETE FOR LAP (OFF-SYSTEM) (Rev. 12/29/2011) (FA: 2/27/2012) (03/12)	Use on Off-System Local Agency Projects.
<input type="checkbox"/> LAB4580	Browse (Unknown File Size)	LANDSCAPE INSTALLATION FOR LAP (OFF-SYSTEM) (Rev. 4/5/2011) (FA: 4/15/2011) (03/12)	Use on Off-System Local Agency Projects.



Specifications for Local Projects

BIG FOUR F-l-e-x-i-b-l-e Specifications

Local Agency "Big 4"			
<input type="checkbox"/> LAB4120	Browse (Unknown File Size)	EARTHWORK AND RELATED OPERATIONS FOR LAP (OFF-SYSTEM) (Rev. 1/23/2012) (FA: 2/27/2012) (03/12)	Use on Off-System Local Agency Projects.
<input type="checkbox"/> LAB4334	Browse (Unknown File Size)	HOT MIX ASPHALT FOR LAP (OFF-SYSTEM) (Rev. 11/17/2011) (FA: 2/27/2012) (03/12)	Use on Off-System Local Agency Projects.
<input type="checkbox"/> LAB4344	Browse (Unknown File Size)	CONCRETE FOR LAP (OFF-SYSTEM) (Rev. 12/29/2011) (FA: 2/27/2012) (03/12)	Use on Off-System Local Agency Projects.
<input type="checkbox"/> LAB4580	Browse (Unknown File Size)	LANDSCAPE INSTALLATION FOR LAP (OFF-SYSTEM) (Rev. 4/5/2011) (FA: 4/15/2011) (03/12)	Use on Off-System Local Agency Projects.

Browse Them ... Try Them ... You Might Like Them!!



Specifications for Local Projects The Rest of the Stuff in the Weeds

Special Provision			
<input checked="" type="checkbox"/> SP0070101	Browse (Unknown file size)	REQUIREMENTS FOR FEDERAL JOBS - COMPLIANCE WITH FHWA 1273 (Rev. 2/11/2010) (FA. 2/17/2010) (07/10)	All Federal Aid Jobs. Changes to 7-1.1.
<input checked="" type="checkbox"/> SP0071600	Browse (Unknown file size)	LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC - WAGE RATES FOR FEDERAL-AID PROJECTS (Rev. 12/21/2009) (FA. 12/28/2009) (07/10)	All Federal Aid Jobs. Insert information required. Changes to 7-15.
Enter the Wage Rate number(s). (i.e., FL000)			
<input checked="" type="checkbox"/> SP0072600	Browse (Unknown file size)	LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC - E-VERIFY (Rev. 6/13/2011) (FA. 6/16/2011) (07/11)	All Jobs. (Mandatory #1 - 7/11 Workbook)



Specifications Packages for Local Agencies

“Merge Specifications” in Specs on the Web and **VOILA!!**

DOWNLOADED SPECIFICATIONS

EARTHWORK AND RELATED OPERATIONS FOR LAP (OFF-SYSTEM)	3
HOT MIX ASPHALT FOR LAP (OFF-SYSTEM)	14
CONCRETE FOR LAP (OFF-SYSTEM)	24
LANDSCAPE INSTALLATION FOR LAP (OFF-SYSTEM)	28
TYPE S ASPHALT CONCRETE, QUALITY ASSURANCE AND ACCEPTANCE PROCEDURES	33
MOBILIZATION	54
MAINTENANCE OF TRAFFIC	55
PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION	71
REQUIREMENTS FOR FEDERAL JOBS - COMPLIANCE WITH FHWA 1273	79
LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC - WAGE RATES FOR FEDERAL-AID PROJECTS	79
LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC - E-VERIFY	80
110 CLEARING AND GRUBBING	80
121 FLOWABLE FILL	81



Specifications Packages for Local Agencies

A Single Document with all your Selections To Be Saved on Your
Computer in an Editable Word File

LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC - E-
VERIFY.
(REV 6-13-11) (FA 6-16-11) (8-11)

SECTION 7 (Pages 58 – 60) is expanded by the following new Article:

7-18 E-Verify:

The Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any subcontractors performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract term.

110 CLEARING AND GRUBBING. (REV 5-29-09) (FA 7-15-09) (1-10)

SUBARTICLE 110-6.2.1 (Page 154) is deleted and the following substituted:

110-6.2.1 General: Remove the structures in such a way so as to leave no obstructions to any proposed new structures or to any waterways. Pull, cut off, or break off pilings to the requirements of the permit or other Contract Documents, or if not specified, not less than 2 feet below the finish ground line. In the event that the plans indicate channel excavation to be done by others, consider the finish ground line as the limits of such excavation. For materials which are to remain the property of the Department or are to be salvaged for use in temporary structures, avoid damage to such materials, and entirely remove all bolts, nails, etc. from timbers to be so salvaged. Mark structural steel members for identification as directed.



Specifications Packages for Local Agencies

- Using that Document, HAVE AT IT!!!
 - Cut & Paste & Insert into YOUR Master Document
 - Edit the Format to Match YOUR Preferences
 - Edit the Content to Meet YOUR Needs
 - For Your Own Projects with Local Funds Only,
It's a Burger King Moment ... Have it YOUR WAY!!
 - *Some Restrictions May Apply with Federal Funds*
 - *BUT ... It's Gotta Work for YOU as Part of YOUR Contract Document Package*



Local Agency Specifications Our **NEXT** Customer Survey

Next Time We Survey Our Local Agency Partners ...

“Which of the Following Statements Best Describes the Feeling You Get When Trying to Use FDOT Specifications on Your Local Agency Projects?”

- a) A Royal Pain in a Very Sensitive Area!
- b) An Itch I Just Cannot Scratch!

**c) It is DEFINITELY a Pleasant and
Enlightening Sensation!**



Specifications Packages for Local Agencies

Time For
Questions (and Answers)!!

